

US Army Alaska

Integrated Natural Resources Management Plan

2002 - 2006

Volume 1 Fort Greely and Donnelly Training Area

**Draft Final
28 June 2001**

*This Integrated Natural Resources Management Plan
is dedicated to the memory of
Laurie Angell*

INTEGRATED NATURAL RESOURCES
MANAGEMENT PLAN
2002-2006

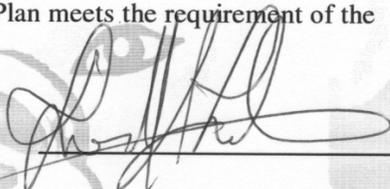
U.S. ARMY ALASKA
VOLUME 1 – FORT GREELY



APPROVAL

This Integrated Natural Resources Management Plan meets the requirement of the Sikes Act (16 U.S.C. 670a et seq.) as amended.

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July 2, 2001

Date

INTEGRATED NATURAL RESOURCES
MANAGEMENT PLAN
2002-2006

U.S. ARMY ALASKA
VOLUME 2 – FORT GREELY AND DONNELLY TRAINING AREA

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PREFACE

*Alaska is cold, numbing wind-chill that kills, called The Hawk;
Unconquered bear and trusting ptarmigan; Months of darkness, months of daylight;
Coiling northern lights; towering, jagged mountains; treacherous glaciers;
And the chilling, plaintive howl of wolves echoing across the still moonlit steppe.*

*The land is rich;
The citizens are independent and tough;
And the soldiers are the [172nd Infantry Brigade].¹*

U.S. Army Garrison, Fort Greely and Donnelly Training Area, Alaska, is proud of its contribution toward the defense of the United States of America. For over 50 years, Fort Greely and Donnelly Training Area has trained soldiers and other members of the United States Armed Forces in skills needed to win on the harshest battlefields of the world. The mission of Fort Greely and Donnelly Training Area has changed over the decades... from the defense of Alaska in World War II... to today's peacetime mission of worldwide deployment to protect the United States' interests and to defend Alaska. Training opportunities provided at Fort Greely and Donnelly Training Area are first rate today, just as they have been over the decades.

The land and its natural resources are vital to the well-being of Fort Greely and Donnelly Training Area. A huge stewardship responsibility comes with these public lands. U.S. Army Alaska is committed to that stewardship role. The land and its natural resources have improved over the years, and they will continue to do so. These lands are critical to the military mission and are important to the well-being of our community and to the nation's environmental health.

This Integrated Natural Resources Management Plan is Fort Greely and Donnelly Training Area's plan of action for the care and wise use of the lands entrusted to the U.S. Army. While the plan covers a five-year period, the philosophy behind it will guide natural resources management over a much longer period of time. Fort Greely and Donnelly Training Area is committed to using an ecosystem management approach to its natural resources program. This approach helps protect biological diversity and facilitates sound decisions regarding the use of renewable natural resources to support both the military mission and needs of the region.

Abundant and diverse natural resources and a healthy environment... now and forever... this is the commitment of U.S. Army Garrison, Fort Greely and Donnelly Training Area, Alaska.

¹ Adapted from the Introduction, *Natural Resources Conservation Program* (Quirk, Gossweiler, and Kiker 1978).

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ACRONYMS

ABO	Alaska Bird Observatory
ABR	Alaska Biological Research
ACC	Alaska Administrative Code
ADC	Animal Damage Control
ADEC	Alaska Department of Environmental Conservation
ADF&G	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
AFB	Air Force Base
AFS	Alaska Fire Service
AFTAC	Air Force Technical Applications Center
ALCOM	Alaska Command
ALMAT	Army Land Management Advisory Team
AMT	Alaska Meteorological Team
ANILCA	Alaska National Interest Lands Conservation Act
AR	Army Regulation
ARPA	Archeological Resources Protection Act
ARTEP	Army Training and Evaluation Program
ASDZ	Automated Surface Danger Zone
ATTACC	Army Training and Testing Area Carrying Capacity
ATV	All Terrain Vehicle
AWSS	Area Weapons Scoring System
BASH	Bird Air Strike Hazard
BBS	Breeding Bird Survey
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BRAC	Base Realignment and Closure
CALFEX	Combined Arms Live-Fire Exercise
CEMML	Center for Environmental Management of Military Lands
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFI	Continuous Forest Inventory
CFR	Code of Federal Regulations
COE	Corps of Engineers
CONUS	Continental United States
CRM	Cultural Resources Manager
CRREL	Cold Regions Research and Engineering Laboratory
CRTC	Cold Regions Test Center
CSU	Colorado State University
CWA	Clean Water Act
DA	Department of the Army
DAMO-TR	Directorate of Training
dbh	diameter breast height
DOC	Directorate of Contracting
DOD	Department of Defense
DOI	Department of Interior
DOL	Directorate of Logistics
DPCA	Directorate of Personnel and Community Activities
DPTSM	Directorate of Plans, Training, Security and Mobilization

DPW	Directorate of Public Works
DZ	Drop Zone
EA	Environmental Assessment
EA	Environmental Awareness
EBS	Environmental Baseline Survey
EIS	Environmental Impact Statement
ELS	Ecological Land Survey
EO	Executive Order
EOD	Explosive Ordnance Disposal
EPA	Environmental Protection Agency
EPR	Environmental Program Requirements
EQR	Environmental Quality Report
ERD	Environmental Resource Division
FGDC	Federal Geographic Data Committee
FLPMA	Federal Land Policy and Management Act
FNSB	Fairbanks North Star Borough
FNSI	Finding of No Significant Impact
FY	Fiscal Year
GIS	Geographic Information System
GMU	Game Management Unit
gpm	gallons per minute
GPS	Global Positioning System
GRTS	Gerstle River Test Site
GVEA	Golden Valley Electric Association
HQDA	Headquarters, Department of the Army
ICRMP	Integrated Cultural Resources Management Plan
ICUZ	Incompatible Use Zones
IFS	Integrated Facility System
IISC	ITAM Installation Steering Committee
INRMP	Integrated Natural Resources Management Plan
IPA	Intergovernmental Personnel Act
IPMP	Installation Pest Management Plan
IRP	Installation Restoration Plan
ISR	Installation Status Report
ITAM	Integrated Training Area Management
ITC	Installation Training Capacity
LCTA	Land Condition-Trend Analysis
LEIS	Legislative Environmental Impact Statement
LRAM	Land Rehabilitation and Management
LTA	Local Training Area
MACOM	Major Command
MAPS	Measuring Avian Productivity and Survival
MFE	Major Flying Exercise
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MOUT	Military Operations in Urban Terrain
mph	miles per hour
MPRC	Multi-Purpose Range Complex
MRE	Meals Ready to Eat
MSR	Main Supply Route
NBC	Nuclear, Biological, and Chemical

NCO	Non-Commissioned Officer
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NOV	Notice of Violation
NRCS	Natural Resource Conservation Service
NWI	National Wetlands Inventory
NWTC	Northern Warfare Training Center
O&M	Operation and Maintenance
OACSIM-ODEP	Office of the Assistant Chief of Staff for Installation Management-Office of the Directorate of Environmental Programs
OAS	Office of Aircraft Services
ODCSOPS	Office of the Deputy Chief of Staff, Operations and Plans
ORISE	Oak Ridge Institute of Science and Education
ORV	Off-Road (Recreational) Vehicle
PAO	Public Affairs Office
PL	Public Law
PLO	Public Land Order
PMC	Plant Material Center
PMO	Provost Marshals Office
POL	Petroleum, Oil, and Lubricants
PSWCD	Palmer Soil and Water Conservation District
RAB	Restoration Advisory Board
REC	Record of Environmental Consideration
RETS	Remote Electronic Target Sensing
RFMSS	Range Facilities Management Support System
RMP	Resource Management Plan
ROD	Record of Decision
RTLTP	Range and Training Land Program
RTSA	Range, Target, STRAC Application
SAIA	Sikes Act Improvement Ammendments
SHPO	State Historic Preservation Office
SJA	Staff Judge Advocate
SMOTE	Spatial Management of Training Environment
SPOT	Satellite Probatoire d'Observation de la Terre
SRP	Site Rehabilitation Prioritization
SUSV	Small Unit Support Vehicle
TA	Training Area
TAPS	Trans-Alaska Pipeline System
TCC	Tanana Chiefs Conference, Inc.
TFIU	Training Facility Inventory/Utilization
TFTA	Tanana Flats Training Area
TNC	The Nature Conservancy
TOC	Tactical Operations Center
TRADOC-ATSC	US Army Training and Doctrine Command
TRI	Training Requirements Integration
TSI	Timber Stand Improvement
TSSDS	Tri-Service Spatial Data Standards
UAF	University of Alaska Fairbanks
US	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Center

USAF	United States Air Force
USARAK	United States Army Alaska
USARPAC	United States Army Pacific Command
USC	United States Code
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
UXO	Unexploded Ordnance
WES	Waterways Experiment Station
YTA	Yukon Training Area (also referred to as Yukon Maneuver Area)